

DECLARATION FOR PATENT APPLICATION

Docket No. _____

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled Method of Amplification and Detection of RNA Sequences, the specification of which

(check one) is attached hereto.

was filed on 9/1/89 as
Application Serial No. 402,450
and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status—patented, pending, abandoned)
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(Application Serial No.)	(Filing Date)	(Status—patented, pending, abandoned)
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I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Edward S. Irons, Registration No. 16,541

Address all telephone calls to Edward S. Irons at telephone no. (202) 785-6938

Address all correspondence to Edward S. Irons

919 - 18th Street, N. W., Suite 800
Washington, D. C. 20006

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 102(f) of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor George J. Murakawa

Inventor's signature George J. Murakawa Date 10/21/89

Residence 8611 Acacia Dr., Cypress, CA CA Citizenship USA

Post Office Address 8611 Acacia Drive, Cypress, CA 90630

Full name of second joint inventor, if any R. Bruce Wallace

Second Inventor's signature R. Wallace Date 10/27/89

Residence 1020 Buena Vista, So. Pasadena, CA CA Citizenship Canadian

Post Office Address 1020 Buena Vista, South Pasadena, CA 91030

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Full Name of Third Inventor: John A. Zaia

Inventor's Signature: John Zaia Date: 10-27-89

Residence: 300 Armada Drive, Arcadia, California 91006

Citizenship: USA

Post Office Address: 300 Armada Drive, Arcadia, California 91006

40400

Full Name of Fourth Inventor: John J. Rossi

Inventor's Signature: John Rossi Date: 10/27/89

Residence: 346 Cimmeron Trail, Glendora, CA 91740

Citizenship: USA

Post Office Address: 346 Cimmeron Trail, Glendora, CA 91740

Applicant or Patentee: Geo J. Murakawa, et al.
Patent No.: 450
Filed or Based: 9/1/89
Title: Method of Amplification and Detection of RNA Sequences

Attorney's
Docket No.: _____

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1989

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY
STATUS (37 CFR 1.9 (f) and 1.27 (d)) — NONPROFIT ORGANIZATION

35
PAT. & TRADEMARK OFF. declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF ORGANIZATION City of Hope, Beckman Research Institute
ADDRESS OF ORGANIZATION 1450 E. Duarte Road, Duarte, CA 91010-0269

TYPE OF ORGANIZATION

- [] University or other institution of higher education
[xx] Tax exempt under Internal Revenue Service Code (26 USC 501(a) and 501(c) (3))
[] Nonprofit scientific or educational under statute of state of The United States of America
(Name of state _____)
(Citation of statute _____)
[] Would qualify as tax exempt under Internal Revenue Service Code (26 USC 501(a) and 501(c) (3)) if located in
The United States of America
[] Would qualify as nonprofit scientific or educational under statute of state of The United States of America if located
in The United States of America
(Name of state _____)
(Citation of statute _____)

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9 (e) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code with regard to the invention entitled Method of Amplification and Detection of RNA Seq. by inventor(s) George T. Murakawa, et al. described in

[] the specification filed herewith
[xx] application serial no. 402,450, filed 9/1/89
[] patent no. _____, issued _____.

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above identified invention.

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9 (d) or by any concern which would not qualify as a small business concern under 37 CFR 1.9 (d) or a nonprofit organization under 37 CFR 1.9 (e).

*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

NAME _____
ADDRESS _____
[] INDIVIDUAL [] SMALL BUSINESS CONCERN [] NONPROFIT ORGANIZATION

NAME _____
ADDRESS _____
[] INDIVIDUAL [] SMALL BUSINESS CONCERN [] NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28 (b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING Eric R. Jurrus
TITLE IN ORGANIZATION Director, Office of Sponsored Research
ADDRESS OF PERSON SIGNING City of Hope, Beckman Research Institute, 1450
East Duarte Road, Duarte, California 91010-0269

SIGNATURE *Eric R. Jurrus* DATE 10-26-89

PROPERTY RIGHTS STATEMENT

I (We) George J. Murakawa, R. Bruce Wallace, John A. Zaia,
and John J. Rossi
citizens of See below
residing at See below

declare:

That I (we) made and conceived the invention described and claimed in patent application Serial No. 402,450 filed in the United States of America on September 1, 1989 titled Method of Amplification and Detection of RNA Sequences

(Check and complete either I. or II. below)

I. (For Inventors Employed by an Organization)

That I (we) made and conceived this invention while employed by City of Hope, Duarte, California. That the invention is related to the work I am (we are) employed to perform and was made within the scope of my (our) employment duties;

That the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of City of Hope, Duarte, California. Other relevant facts are n/a.

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That to the best of my (our) knowledge and belief (and/or based upon information provided by _____ of _____):

—OR—

II. (For Self-Employed Inventors)

That I (we) made and conceived this invention on my (our) own time using only my (our) own facilities, equipment, materials, funds, information and services. Other relevant facts are _____

That to the best of my (our) knowledge and belief:

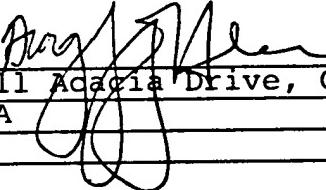
(Check III and/or IV below as appropriate)

III. The invention was not made or conceived in the course of, or in connection with, or under the terms of any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors: Energy Research and Development Administration or the Department of Energy.

—AND/OR—

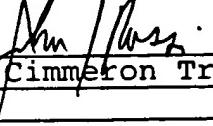
IV. The invention was not made (conceived or first actually reduced to practice) under nor is there any relationship of the invention to the performance of any work under any contract of the National Aeronautics and Space Administration.

The undersigned inventor(s) declare further that all statements made herein of his or her (their) own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Inventor's Signature: 
Post Office Address: 8611 Adacia Drive, Cypress, CA 90630
Citizenship: USA
Date: 10/31/89

Inventor's Signature: 
Post Office Address: 1020 Buena Vista, South Pasadena, CA 91030
Citizenship: Canadian
Date: 10/27/89

Inventor's Signature: 
Post Office Address: 300 Armada Drive, Arcadia, CA 91006
Citizenship: USA
Date: 10/27/89

Inventor's Signature: 
Post Office Address: 346 Cimmon Trail, Glendora, CA 91740
Citizenship: USA
Date: 10/27/89